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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO	
10/511,164	10/14/2004	Takuya Matsunaga	042563	9178	
38834 7	7590 08/23/2006		EXAM	EXAMINER	
WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP			DUONG, TAI V		
1250 CONNEC	CTICUT AVENUE, NW		ART UNIT	PAPER NUMBER	
20	N, DC 20036		2871		
			DATE MAILED: 08/23/2000	6	

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)					
	10/511,164	MATSUNAGA ET AL	MATSUNAGA ET AL.				
Office Action Summary	Examiner	Art Unit					
	Tai Duong	2871					
The MAILING DATE of this communicate Period for Reply	tion appears on the cover sheet w	ith the correspondence addr	ess				
A SHORTENED STATUTORY PERIOD FOR WHICHEVER IS LONGER, FROM THE MAIL  - Extensions of time may be available under the provisions of 3' after SIX (6) MONTHS from the mailing date of this communic  - If NO period for reply is specified above, the maximum statuto  - Failure to reply within the set or extended period for reply will, Any reply received by the Office later than three months after the earned patent term adjustment. See 37 CFR 1.704(b).	LING DATE OF THIS COMMUNI 7 CFR 1.136(a). In no event, however, may a sation. ry period will apply and will expire SIX (6) MO by statute, cause the application to become A	ICATION. reply be timely filed  NTHS from the mailing date of this communities. BANDONED (35 U.S.C. § 133).					
Status							
1) Responsive to communication(s) filed o	n .						
	☐ This action is non-final.						
<del>'</del> =	/ <del>-</del>						
closed in accordance with the practice	under <i>Ex parte Quayle</i> , 1935 C.I	D. 11, 453 O.G. 213.					
Disposition of Claims							
4)⊠ Claim(s) 1-14 is/are pending in the appl	lication.						
4a) Of the above claim(s) is/are withdrawn from consideration.							
5) Claim(s) is/are allowed.							
6)⊠ Claim(s) <u>1-14</u> is/are rejected.	⊠ Claim(s) <u>1-14</u> is/are rejected.						
7) Claim(s) is/are objected to.							
8) Claim(s) are subject to restriction	n and/or election requirement.						
Application Papers							
9)⊠ The specification is objected to by the E	xaminer.						
10)⊠ The drawing(s) filed on <u>14 October 2004</u> is/are: a)□ accepted or b)⊠ objected to by the Examiner.							
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).							
Replacement drawing sheet(s) including the	· ·	• • • •					
11)☐ The oath or declaration is objected to by	the Examiner. Note the attache	d Office Action or form PTO	-152.				
Priority under 35 U.S.C. § 119							
12)⊠ Acknowledgment is made of a claim for a)⊠ All b) Some * c) None of:	foreign priority under 35 U.S.C.	§ 119(a)-(d) or (f).					
<ol> <li>Certified copies of the priority dod</li> </ol>							
2. Certified copies of the priority documents have been received in Application No							
3. Copies of the certified copies of the	•	received in this National St	age				
application from the International	* * * * * * * * * * * * * * * * * * * *	t manager and					
* See the attached detailed Office action for	or a list of the certified copies not	received.					
Attachment(s)							
1) Notice of References Cited (PTO-892)		Summary (PTO-413)					
2) Notice of Draftsperson's Patent Drawing Review (PTO-	948) Paper Not	(s)/Mail Date Informal Patent Application (PTO-1)	52)				
<ol> <li>Information Disclosure Statement(s) (PTO-1449 or PTO Paper No(s)/Mail Date <u>10/14/04</u>.</li> </ol>	6) Other:		<i>52)</i>				

Art Unit: 2871

The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the recited features "a center-line average surface roughness Ra and an average height-depth spacing Sm " of claims 1 and 2, the recited feature "a low refractive index layer having a refractive index lower than a refractive index of the transparent resin layer" of claim 2, the recited feature "an optical element" of claims 7 and 13, and the recited feature "an image display" of claims 8 and 14 must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filling date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

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The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they do not include the following reference sign(s) mentioned in the description: the reference number "4" as mentioned in line 25 of page 6. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filling date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

The specification is objected to because "Fig.2" should be "Fig.1" (page 10, line 10).

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1-14 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claims 1 and 2 are indefinite because there is no lower limit for the ratio (Ra/Sm) and there is no upper limit for the average height-depth spacing Sm. Therefore, it is

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unclear whether *zero* is included or excluded in the lower limit for the ratio (Ra/Sm). The remaining claims are also rejected since they depend on the indefinite claims 1 and 2.

Claims 1 and 2 will be allowed over the prior art of record if the claims are amended to include the lower limit of the ratio (Ra/Sm) or the upper limit for the average height-depth spacing Sm. None of the prior art cited of record (including JP 9-193332 and 2002-107512 cited by Applicant) discloses or suggests a light diffusing sheet having the combination of the features "a haze value of the light diffusing sheet is 30% or more", "a ratio (Ra/Sm) of a center-line average surface roughness (Ra:.,um) and an average height-depth spacing (Sm: ,um) is 0.005 or less, and "the Ra satisfies a relationship of 0.1 ≤ Ra ≤ 0.4. The dependent claims will also be allowed if the independent claims are amended as mentioned above.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication should be directed to Tai Duong at telephone number (571) 272-2291.

The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

DUNGT. NGUYEN PRIMARY EXAMINE

TVD

08/06